

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
934855	W-127.01	Change

3. Project Name: Potomac Bi-County Supply Main

4. Program: **Sanitation** 6. Planning Area: Bi-County

2. Date: October 1, 2003

Revised:

7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

5. Agency: **WSSC****E. Annual Operating Budget Impact (000's)**

FY of Impact

Program Costs	Staff
	Other
Facility Costs	Maintenance	34
	Debt Service	2312
Total Costs.....		2346
Impact on Water or Sewer Rate.....	5¢	12

B. Expenditure Schedule (000's)

	(8) Total	(9) Thru FY '03	(10) Estimate FY '04	(11) Total 6 Years	(12) Year 1 FY '05	(13) Year 2 FY '06	(14) Year 3 FY '07	(15) Year 4 FY '08	(16) Year 5 FY '09	(17) Year 6 FY '10	(18) Beyond 6 Years
Cost Elements											
Planning, Design & Supervision	8,797	1,440	900	5,885	1,800	1,797	572	572	572	572	572
Land											
Site Improvements & Utilities											
Construction	57,212			45,770			11,444	11,442	11,442	11,442	11,442
Other	6,456		90	5,165	180	180	1,202	1,201	1,201	1,201	1,201
Total	72,465	1,440	990	56,820	1,980	1,977	13,218	13,215	13,215	13,215	13,215

C. Funding Schedule (000's)

SDC	72,465	1,440	990	56,820	1,980	1,977	13,218	13,215	13,215	13,215	13,215
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D. Description & Justification**DESCRIPTION**

This project involves an alignment study, extensive community outreach efforts, and design and construction of 30,200 feet of a proposed 84-inch diameter water main between the intersection of Tuckerman Lane and Route I-270 and the western terminus of the Bi-County Water Tunnel near the area where Rock Creek crosses the Capital Beltway (Maryland Route 495).

Service Area Montgomery Main Pressure Zone HG495, Prince George's High Pressure Zone HG450

JUSTIFICATION**Plans & Studies**

Montgomery and Prince George's Main Zone Facility Plan, Black and Veatch, Inc. (October, 1990); Updated Water Demand Projections (dated April 6, 2001); and the General Plan. Technical Memoranda #1, 2, & 3 (Draft), Louis Berger & Associates (1997).

Specific Data

This project, in conjunction with the Bi-County Water Supply Improvement Project, will significantly increase transmission capacity from the Potomac Water Filtration Plant to the Montgomery County Main Zone and Prince George's County. The alignment study will decide such issues as the alignment and the method of construction (i.e., tunnel vs. open-cut).

Cost Change

Total project cost increased due to an adjusted estimate for community outreach.

STATUS Facility Planning (WSSC Contract No. BL9972A94,).

OTHER

The project scope has remained the same. The project was deferred in 1997 and reactivated in late FY2003. A pipe sleeve for the portion of the project right-of-way located on the site of the Rockledge Drive Connector was funded directly by SHA. This is an order of magnitude estimate with a confidence interval of +50% and -30%, assuming the entire project is open-cut. Tunneling will increase construction costs up to 100%. Once the alignment study is completed and the Councils concur on the alignment and assumed construction methods (i.e. tunneling and/or open cut), cost information in this project may be revised. Land costs included in WSSC Project W-202.00.

COORDINATION

Montgomery County Government, Prince George's County Government, Maryland-National Capital Park & Planning Commission (anticipates receiving Mandatory Referral submissions from the WSSC as this project moves toward final completion of design) and Maryland State Department of Transportation.

NOTE This project supports 100% Growth.

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 93
Date First Approved	FY 93
Initial Cost Estimate	63,000
Cost Estimate Last FY	69,685
Present Cost Estimate	72,465
Approved Request, Last FY	967
Total Expenditures & Encumbrances	1,440
Approval Request FY 05	1,980
Supplemental Approval Request Current FY (04)	

G. Status Information

Land Status:	Site not determined
% Project Completion:	P-90%
Est. Completion Date:	FY 2011

H. Map Map Reference Code:**SEE ATTACHED MAP**

